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DATE: March 13, 2006

PTO IDENTIFIER: Application Number 10/077,730-Conf. #3168
Patent Number

Inventor: Gregory Nichols

MESSAGE TO: US Patent and Trademark Office

FAX NUMBER: (571) 273-8300

FROM: US NAVAL RESEARCH LABORATORY

L. George Legg

PHONE: (202) 404-1559

Attorney Dkt. #: 83180US1

PAGES (Including Cover Sheet): 20

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Amendment Transmittal (1 page)
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PTO/SB/97 (09-04)

PTO/SB/57 (09-04)

Approved for use through 07/01/2006. GMB 0031-0031

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Application No. (if known): 10/077,730

Attorney Docket No.: 83180US1

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on March 13, 2006
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Fee Transmittal (1 page)

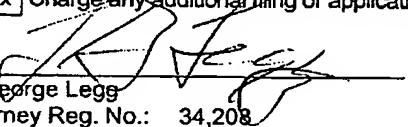
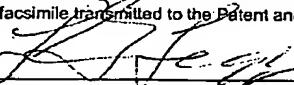
One Month Request for Extension of Time Under 37 CFR 1.136(a) (2 pages)

Amendment After Final Action (37 C.F.R. Section 1.116) (15 pages)

Amendment Transmittal (1 page)

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MAR 13 2006

| AMENDMENT TRANSMITTAL LETTER | | | | Docket No. 83180US1 | |
|---|--|---|-----------------------------------|------------------------|--------|
| Application No. 10/077,730-Conf. #3168 | Filing Date February 19, 2002 | Examiner E. M. File | Art Unit 2634 | | |
| Applicant(s): Gregory Nichols | | | | | |
| Invention: Automatic gain control for digitized RF signal processing | | | | | |
| TO THE COMMISSIONER FOR PATENTS | | | | | |
| Transmitted herewith is an amendment in the above-identified application. | | | | | |
| The fee has been calculated and is transmitted as shown below. | | | | | |
| CLAIMS AS AMENDED | | | | | |
| | Claims Remaining After Amendment | Highest Number Previously Paid | Number Extra Claims Present | Rate | |
| Total Claims | 19 | - 25 = | | x | |
| Independent Claims | 5 | - 4 = | 1 | x 200.00 | 200.00 |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/> | | | | | |
| Other fee (please specify): Extension for response within first month <input type="checkbox"/> 120.00 | | | | | |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT: <input type="checkbox"/> 320.00 | | | | | |
| <input checked="" type="checkbox"/> Large Entity <input type="checkbox"/> Small Entity <input type="checkbox"/> No additional fee is required for this amendment. <input checked="" type="checkbox"/> Please charge Deposit Account No. 50-0281 in the amount of \$ 320.00 A duplicate copy of this sheet is enclosed. <input type="checkbox"/> A check in the amount of \$ _____ to cover the filing fee is enclosed. <input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached. <input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. 50-0281 as described below. A duplicate copy of this sheet is enclosed. <input checked="" type="checkbox"/> Credit any overpayment. <input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17. | | | | | |
| Dated: <u>March 13, 2006</u> | | | | | |
|  L. George Legg Attorney Reg. No.: 34,208 | | | | | |
| US NAVAL RESEARCH LABORATORY 4555 Overlook Ave, SW Washington, DC 20375 (202) 404-1559 | | | | | |
| I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (571) 273-8300, on the date shown below. | | | | | |
| Dated: March 13, 2006 Signature:  (L. George Legg) | | | | | |

PTO/SB/17 (12-04v2)

Approved for use through 7/31/2005. OMB 0651-0032
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| | |
|---|---------------------------|
| Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). FEE TRANSMITTAL For FY 2005 | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 | |
| TOTAL AMOUNT OF PAYMENT | (\$) 320.00 |

Complete If Known

| | |
|----------------------|------------------------|
| Application Number | 10/077,730-Conf. #3168 |
| Filing Date | February 19, 2002 |
| First Named Inventor | Gregory Nichols |
| Examiner Name | E. M. File |
| Art Unit | 2634 |
| Attorney Docket No. | 83180US1 |

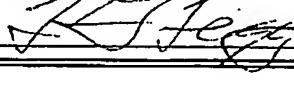
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| <input checked="" type="checkbox"/> Deposit Account Deposit Account Number: 50-0281 Deposit Account Name: US Naval Research Laboratory | | | | | |
| For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) | | | | | |
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| <input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 | | | <input checked="" type="checkbox"/> Credit any overpayments | | |

| FEE CALCULATION | | | | | | | | |
|---|--------------------|---------------------|--------------------|---|-------------------------|---------------------|-----------------------|-------|
| 1. BASIC FILING, SEARCH, AND EXAMINATION FEES | | | | | | | | |
| Application Type | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | | |
| | Fee (\$) | Small Entity | Fee (\$) | Small Entity | Fee (\$) | Small Entity | Fees Paid (\$) | |
| | Utility | 300 | 150 | 500 | 250 | 200 | 100 | _____ |
| | Design | 200 | 100 | 100 | 50 | 130 | 65 | _____ |
| | Plant | 200 | 100 | 300 | 150 | 160 | 80 | _____ |
| | Reissue | 300 | 150 | 500 | 250 | 600 | 300 | _____ |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | _____ | |
| 2. EXCESS CLAIM FEES | | | | | | | | |
| Fee Description | | | | | | | | |
| Each claim over 20 (including Reissues) Fee (\$) Small Entity 50 25 | | | | | | | | |
| Each independent claim over 3 (including Reissues) Fee (\$) Small Entity 200 100 | | | | | | | | |
| Multiple dependent claims Fee (\$) Small Entity 360 180 | | | | | | | | |
| Total Claims Extra Claims Fee (\$) Fee Paid (\$) $19 - 20 =$ \times = _____ | | | | Multiple Dependent Claims Fee (\$) Fee Paid (\$) $360 - 180 =$ \times = _____ | | | | |
| Indep. Claims Extra Claims Fee (\$) Fee Paid (\$) $5 - 4 =$ \times 200.00 = 200.00 | | | | | | | | |
| 3. APPLICATION SIZE FEE | | | | | | | | |
| If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). | | | | | | | | |
| Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$) $100 - 100 =$ $/50$ (round up to a whole number) \times = _____ | | | | | | | | |
| 4. OTHER FEE(S) | | | | | | | | |
| Non-English Specification, \$130 fee (no small entity discount) | | | | | | | | |
| Other (e.g., late filing surcharge): 1251 Extension for response within first month Fee (\$) Fee Paid (\$) 120.00 | | | | | | | | |

| | | | | | |
|---------------------|---|--|--------------------------------------|----------------|-------------------------------|
| SUBMITTED BY | | | | | |
| Signature |  | | Registration No. (Attorney/Agent) | 34,208 | Telephone (202) 404-1559 |
| Name (Print/Type) | George Legg | | Date | March 13, 2006 | |

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Dated: March 13, 2006 Signature:  (I. George Legg)